

Attorney Docket No. 101792-300

U.S. Serial No. 09/120,664

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**AMENDMENTS TO THE CLAIMS****RECEIVED  
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This listing of claims will replace all prior versions, and listings, of claims in the application:

**Complete Listing of Claims:**

1. (Previously Presented) A biocidal composition comprising composite particles, each of said composite particles containing a shell and a core, said core consisting essentially of a metal or metal-containing compound wherein the metal is a moiety selected from the group consisting of zinc, copper, bismuth, silver, zirconium, and combinations thereof, and said shell consisting essentially of a metal pyrithione formed by a transchelation reaction of a water-soluble salt of pyrithione selected from the group consisting of sodium pyrithione and potassium pyrithione with a portion of the metal or metal-containing compound of said core, with the proviso that said metal-containing compound is not metal pyrithione.

2.-37. (Canceled)

38. (Currently Amended) A biocidal composition comprising composite particles containing a shell and a core, said core consisting essentially of a metal or a metal-containing compound selected from the group consisting of zinc, copper, bismuth, silver, iron, titanium, aluminum, zirconium and combinations thereof and said shell consisting essentially of a metal pyrithione formed by a transchelation reaction of a water-soluble salt of pyrithione selected from the group consisting of sodium pyrithione and potassium pyrithione with a portion of the metal or metal-containing compound of said core, with the proviso that said metal-containing compound is not metal pyrithione, wherein the particle size for said composite particles ranges from 1 to 20 microns in diameter.

39. (Canceled)

40. (Previously Amended) The composition of claim 1 wherein said shell consists of zinc pyrithione, and said core consists of zinc or a zinc-containing compound selected from zinc

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oxide and zinc selenide, said zinc pyrithione being formed by a transchelation reaction of a water-soluble salt of pyrithione selected from the group consisting of sodium pyrithione and potassium pyrithione with a portion of the zinc oxide or zinc selenide from said core.

41. (Previously Presented) The composition of claim 38 wherein said shell consists of zinc pyrithione, and said core consists of zinc or a zinc-containing compound selected from zinc oxide and zinc selenide, said zinc pyrithione being formed by a transchelation reaction of a water-soluble salt of pyrithione selected from the group consisting of sodium pyrithione and potassium pyrithione with a portion of the zinc oxide or zinc selenide from said core.

42. (Previously Presented) A biocidal composition comprising composite particles, each of said composite particles containing a shell and a core, said core consisting essentially of a metal or metal-containing compound wherein the metal is a moiety selected from the group consisting of zinc, copper, bismuth, silver, zirconium, and combinations thereof, and said shell consisting essentially of a metal pyrithione formed by a transchelation reaction of a water-soluble salt of pyrithione selected from the group consisting of sodium pyrithione and potassium pyrithione with a portion of the metal or metal-containing compound of said core, with the proviso that (1) when the metal-containing compound is a copper containing salt, copper hydroxide or cuprous oxide, and the metal pyrithione is copper pyrithione then the metal pyrithione and the metal-containing compound are present within a weight range of ratios of from 1:20 to 20:1 of metal pyrithione relative to the metal-containing compound and (2) said metal-containing compound is not metal pyrithione.

43-45. (Canceled)

46. (Previously Presented) The composition of claim 42 wherein said shell consists of zinc pyrithione, and said core consists of zinc or a zinc-containing compound selected from zinc oxide and zinc selenide, said zinc pyrithione being formed by a transchelation reaction of a water-soluble salt of pyrithione selected from the group consisting of sodium pyrithione and potassium pyrithione with a portion of the zinc oxide or zinc selenide from said core.

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Claims 47. - 49 (Canceled)

50. (New) A biocidal composition comprising composite particles, each of said composite parties containing a shell and a core, said core consisting essentially of zinc or zinc selenide, and said shell consisting essentially of zinc pyrithione formed by a transchelation reaction of a water-soluble salt of pyrithione selected from the group consisting of sodium pyrithione and potassium pyrithione with a portion of the zinc or zinc selenide of said core.